



*[Handwritten signature]*

520.38161CX2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kazuhisa ARUGA

Serial No.: 10/615,907

Filed: July 10, 2003

For: DISK SUBSYSTEM

Group: 2187

Examiner: G. Portka

**PRELIMINARY AMENDMENT**

**MS Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 3, 2004

Sir:

Prior to examination, please amend the above-identified application as follows.

**Amendments to the Claims**

**Remarks** are included following the amendments.

09/07/2004 KBETEMAI 00000078 10615907

01 FC:1201

172.00 OP